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BRAC CLEANUP PLAN (BCP)
NORTON AIR FORCE BASE,
SAN BERNARDINO, CALIFORNIA

**Implementing President Clinton's
Decision to Promote Early Reuse of Closing Bases
by Expediting Environmental Cleanup**

April 1994

NORTON AIR FORCE BASE BRAC CLEANUP PLAN

EXECUTIVE SUMMARY

Introduction

The Norton Air Force Base (AFB) Base Realignment and Closure (BRAC) Cleanup Team (BCT) was formed in December 1994 and began the Bottom-Up Review Program of the Norton AFB Installation Restoration Program (IRP) in order to expedite the cleanup and transfer of the base. The bottom-up review has culminated in this BRAC Cleanup Plan (BCP).

This BCP contains the status, management and response strategy, and action items related to the ongoing Norton AFB environmental restoration and associated compliance programs. These programs support full restoration of the base property, which is necessary to meet the requirements for property disposal and reuse activities associated with the closure of the installation. The scope of the BCP considers the following regulatory mechanisms: the Base Closure and Realignment Act; National Environmental Policy Act; Comprehensive Environmental Response, Compensation and Liability Act as amended by the Community Environmental Response Facilitation Act; Resource Conservation and Recovery Act (RCRA); and other applicable laws.

The BCP is a planning document, and the information and assumptions presented may not necessarily have complete approval from the Air Force and/or federal and state regulatory agencies. The BCP is a dynamic document that will be updated regularly to reflect the current status and strategies of remedial actions. This document represents conditions and strategies as of April 1994.

Strategy and Schedules

Norton AFB is a U.S. Environmental Protection Agency (EPA) National Priorities List installation. A Federal Facility Agreement has been established among the Air Force, U.S. EPA, and the state of California. Since 1982, the Air Force has been conducting an IRP at Norton AFB.

To date, 22 IRP sites have been identified. In the Central Base Area a trichloroethylene plume and four source areas (including one IRP site) have been identified. The base has been divided into three operable units (OUs). The Central Base Area OU consists of the trichloroethylene plume and the four source areas. OU 2 covers the western portion of the base, which is divided into seven zones, and OU 3 covers the eastern portion of the base, which is divided into five zones. A confirmation study, covering 43 areas of concern (AOCs) and three of the

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3.2.4

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Polychlorinated Biphenyls (PCBs)

All transformers and other electrical equipment containing PCBs above 50 parts per million, have been retrofilled or removed, if possible. There are several switches and oil-filled circuit breakers that have not been sampled but are assumed to contain PCBs. One transformer located in a vault has been inactive for 18 years; its PCB level is unknown. Additionally, it is unknown if underground switches associated with the electrical distribution system contain PCBs. Once the disposition of an electrical system is determined, the actions required will be determined.

3.2.5

Asbestos

A comprehensive asbestos survey completed in 1991 identified asbestos-containing material in 203 buildings. The results of this investigation are in the base's Asbestos Register. The base Civil Engineering Office has identified six vacated buildings that contain friable asbestos materials. These buildings are scheduled for asbestos removal/demolition. Other buildings will be evaluated as they become vacant.

3.2.6

Radon

Initial testing in 1988 indicated all radon levels were below the action level of 4 picocuries per liter; no additional action is required at this time. Radon sampling was routinely performed by the bioenvironmental engineer until the activity was deactivated in 1994.

3.2.7

RCRA Facilities Solid Waste Management Units (SWMUs)

DRMO Closure. A closure plan for the DRMO facility has been prepared and is under review by the state of California.

IWTP Closure. A closure plan for the industrial wastewater treatment plant (IWTP) has been prepared and is under review by the state of California.

IWL Closure. A closure plan for the industrial waste line (IWL) has been prepared and is under review by the state of California.

JP-4 System. The closure plan for the JP-4 system has been prepared and approved by the SBEHS. Closure is scheduled for FY 1994.